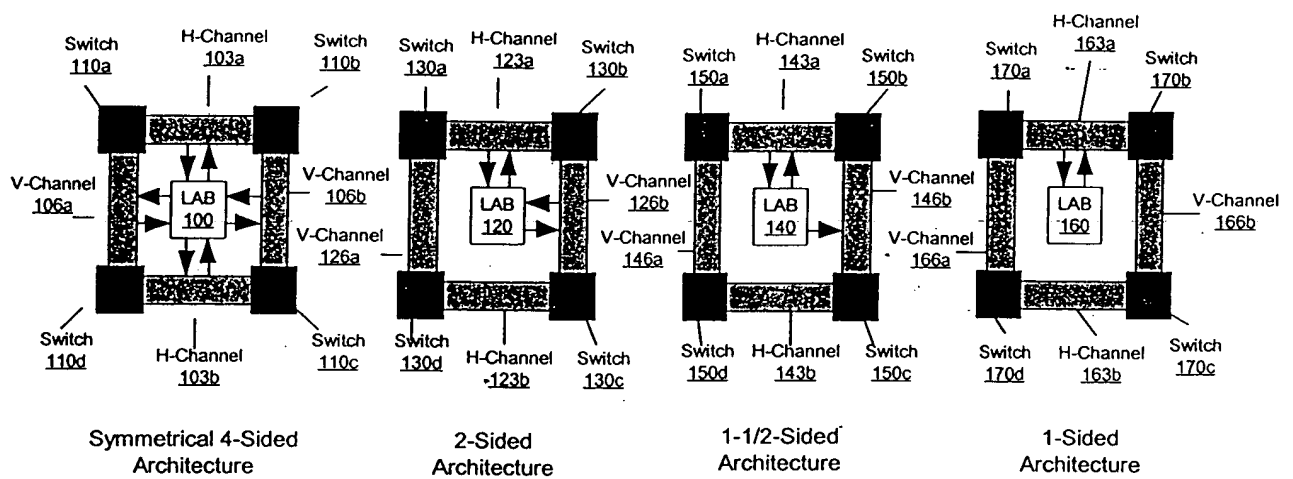


Fig. 1

Prior Art Routing Architectures



Switch

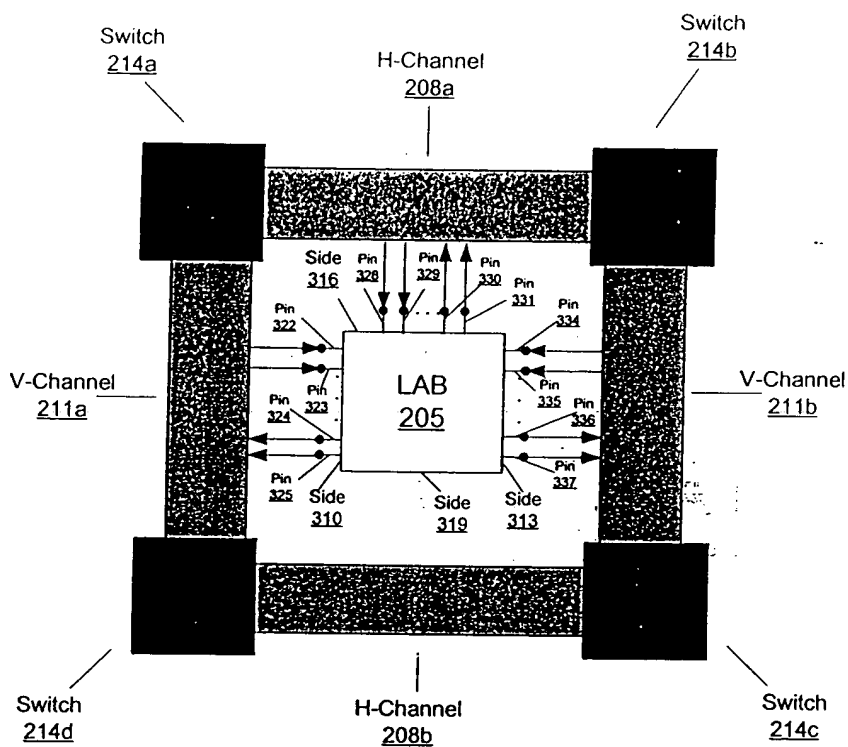


Channel (e.g., Horizontal or Vertical)



LAB

Fig. 2a



3-Sided Architecture

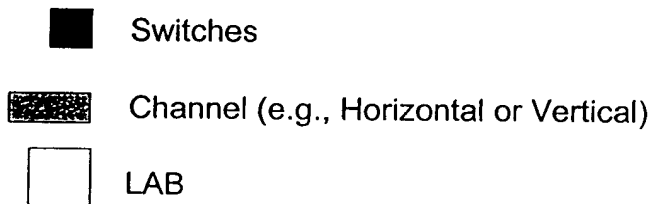
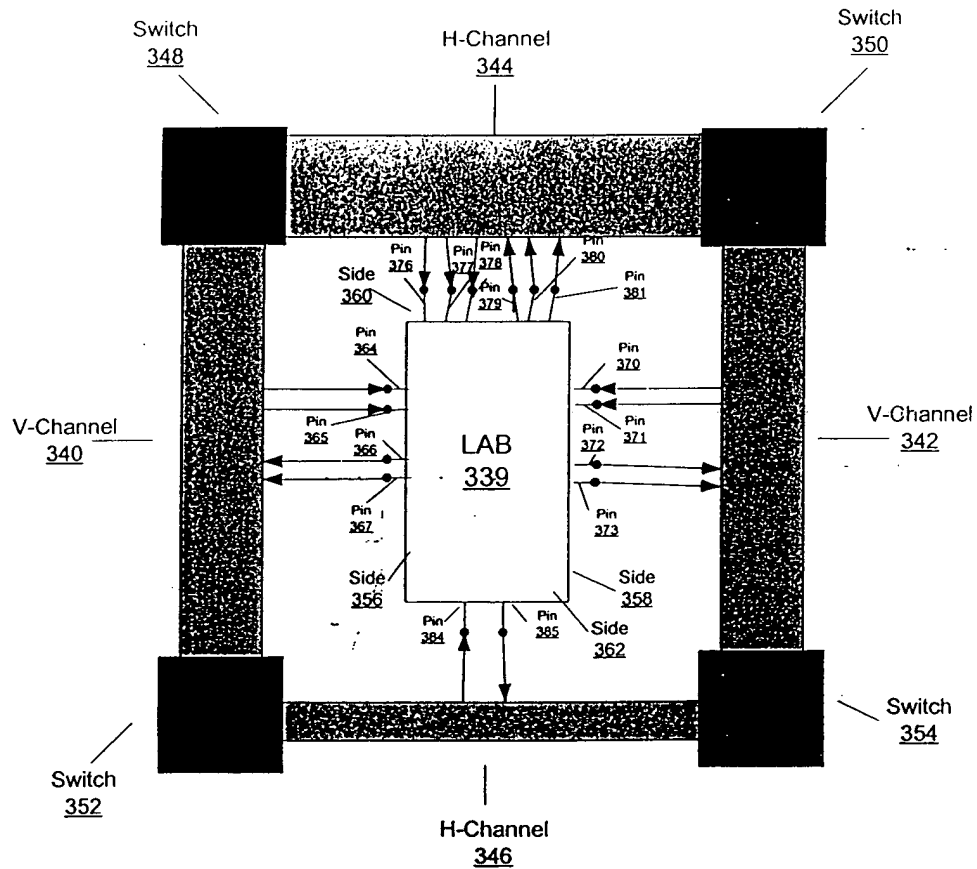


Fig. 2b



Asymmetrical 4-Sided Architecture

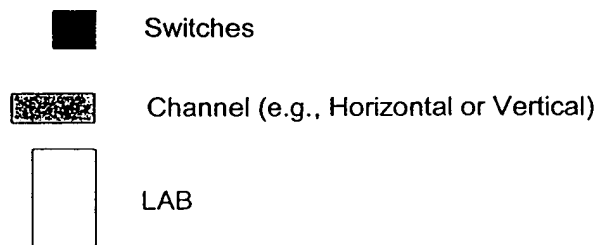


Fig. 3

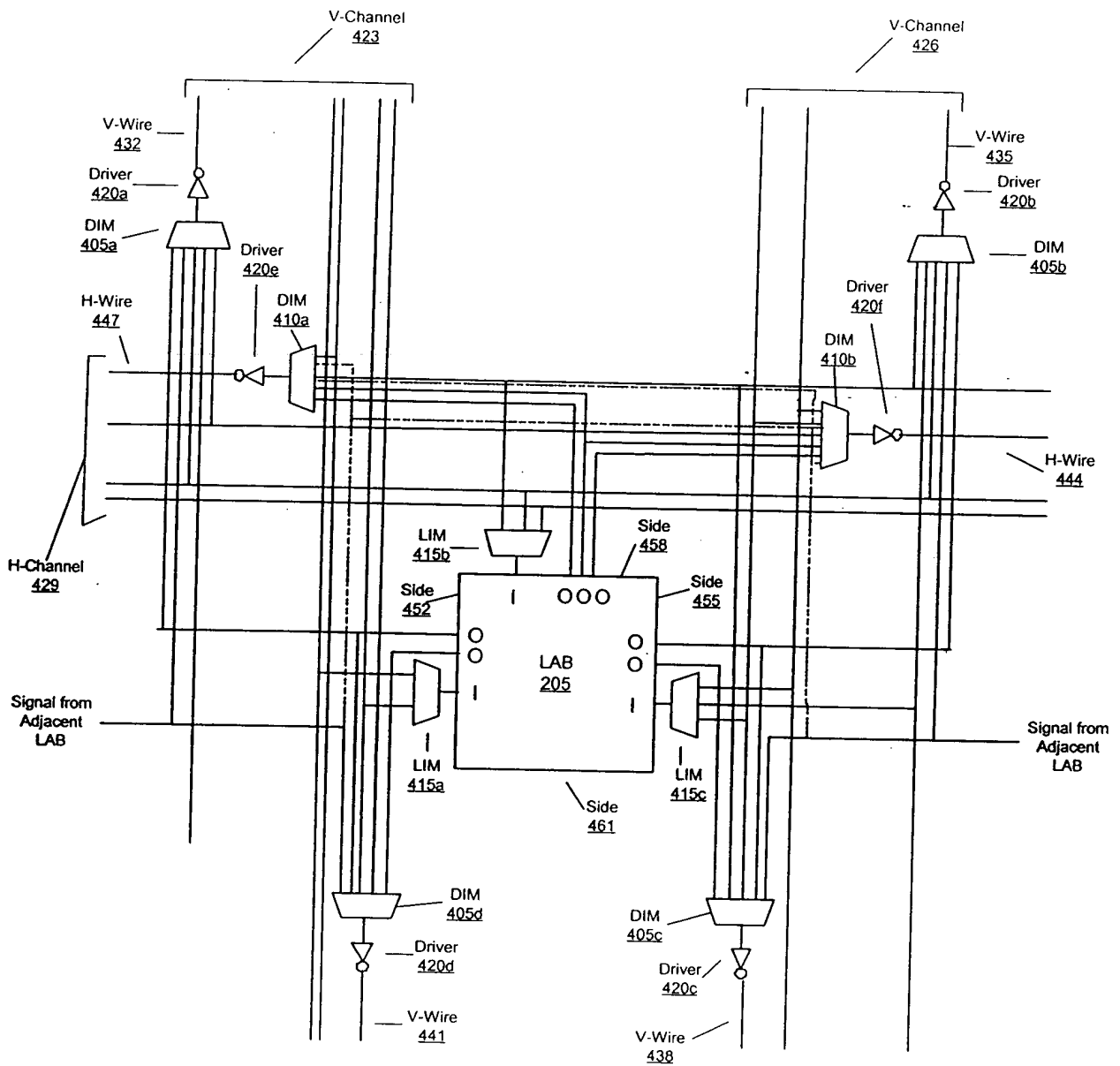


Fig. 4

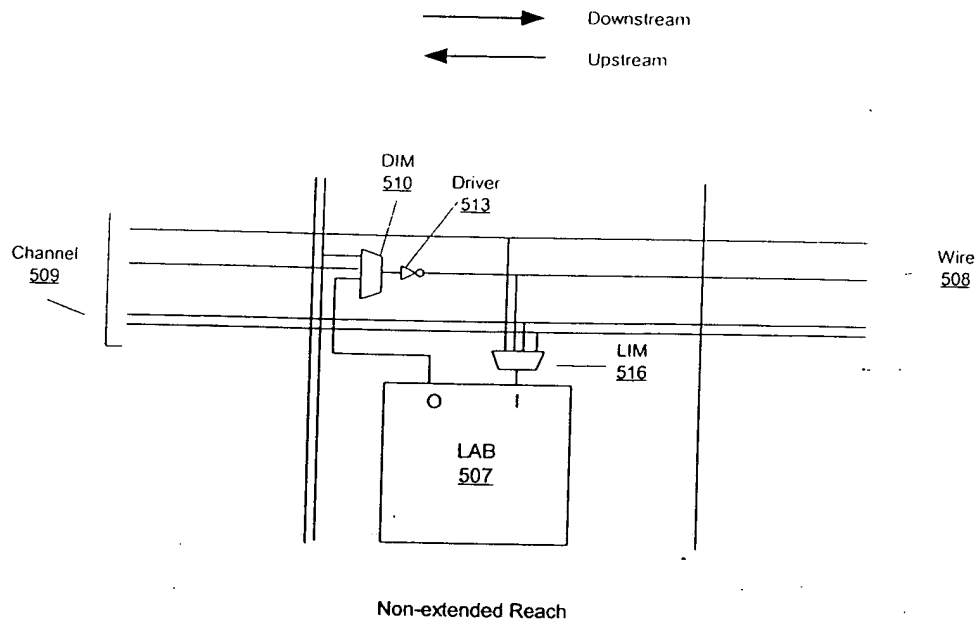


Fig. 5

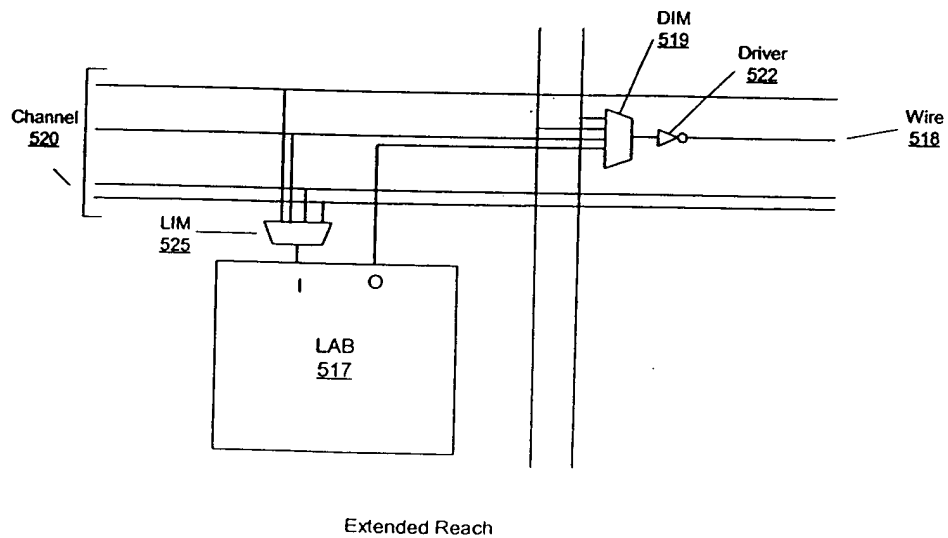
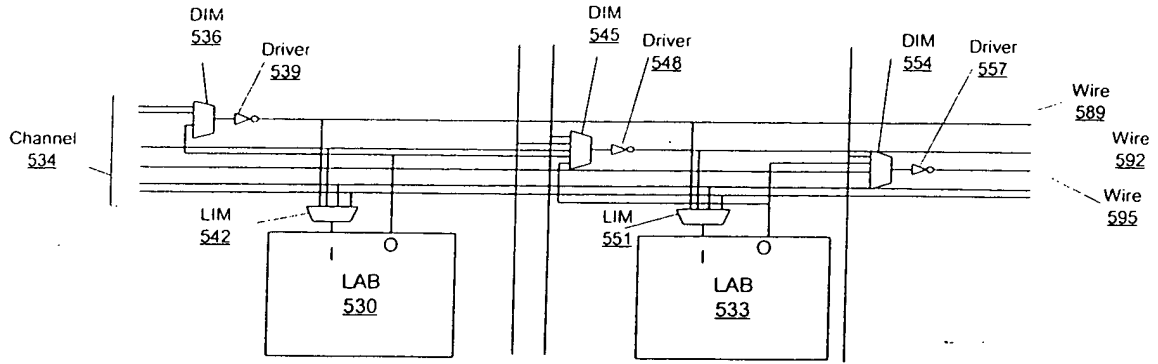
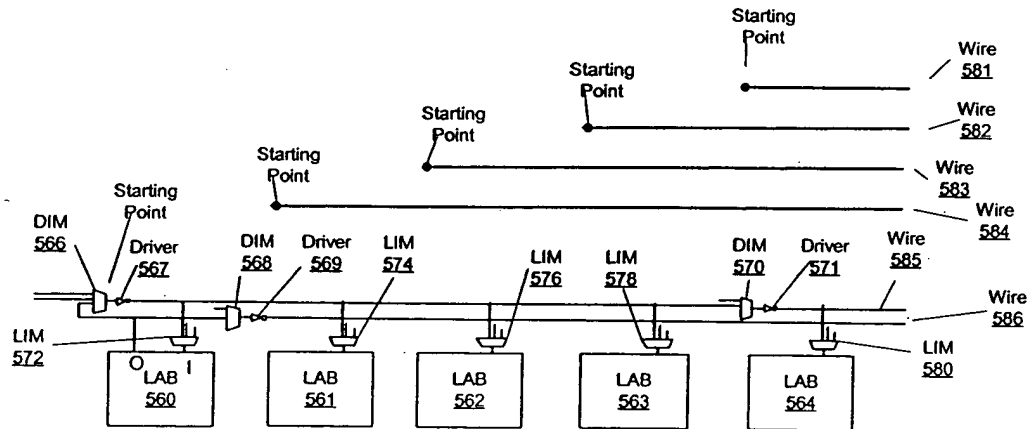


Fig. 6



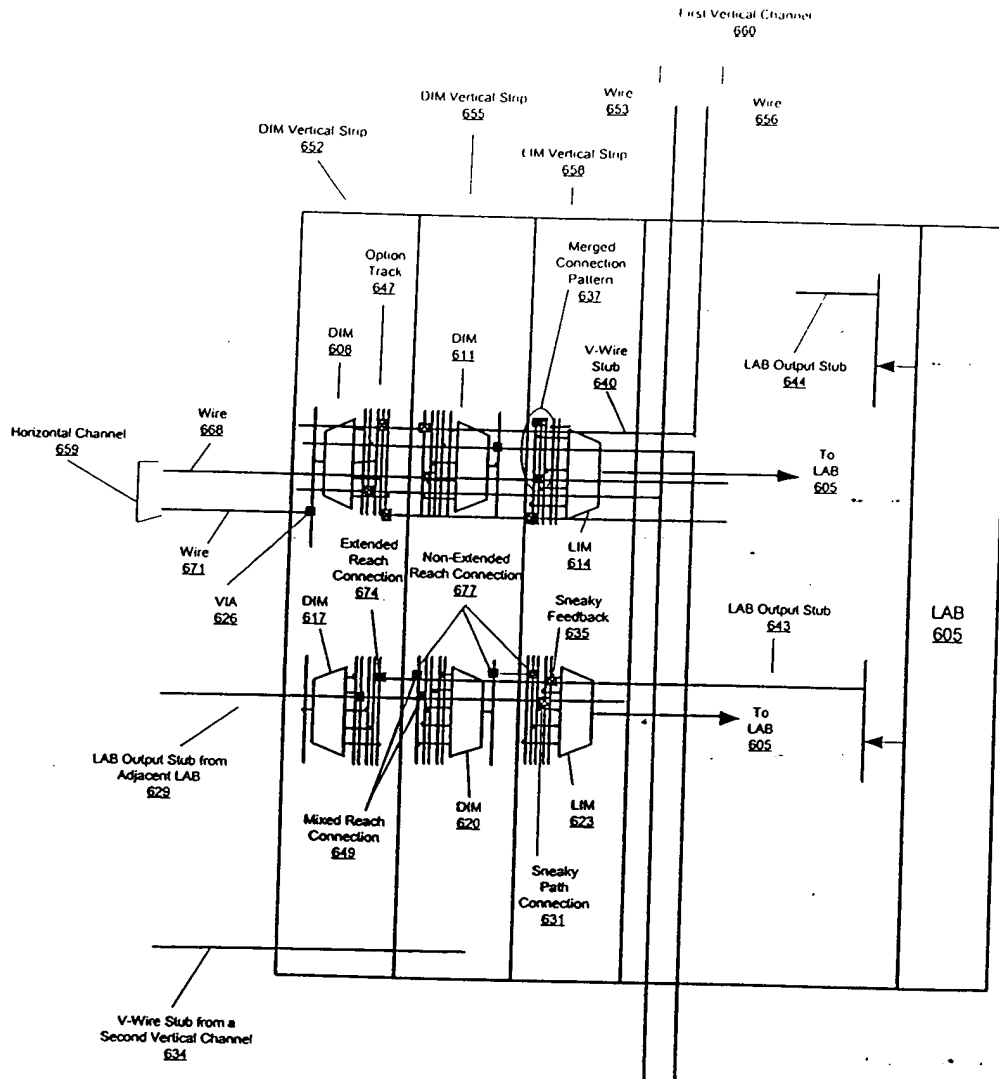
Mixed Reach

Fig. 7



Non-extended Reach LABs: LAB 560, LAB 561, LAB 562, and LAB 563
Extended Reach LABs: LAB 561, LAB 562, LAB 563, and LAB 564

Fig. 8



PLD
600

Fig. 9

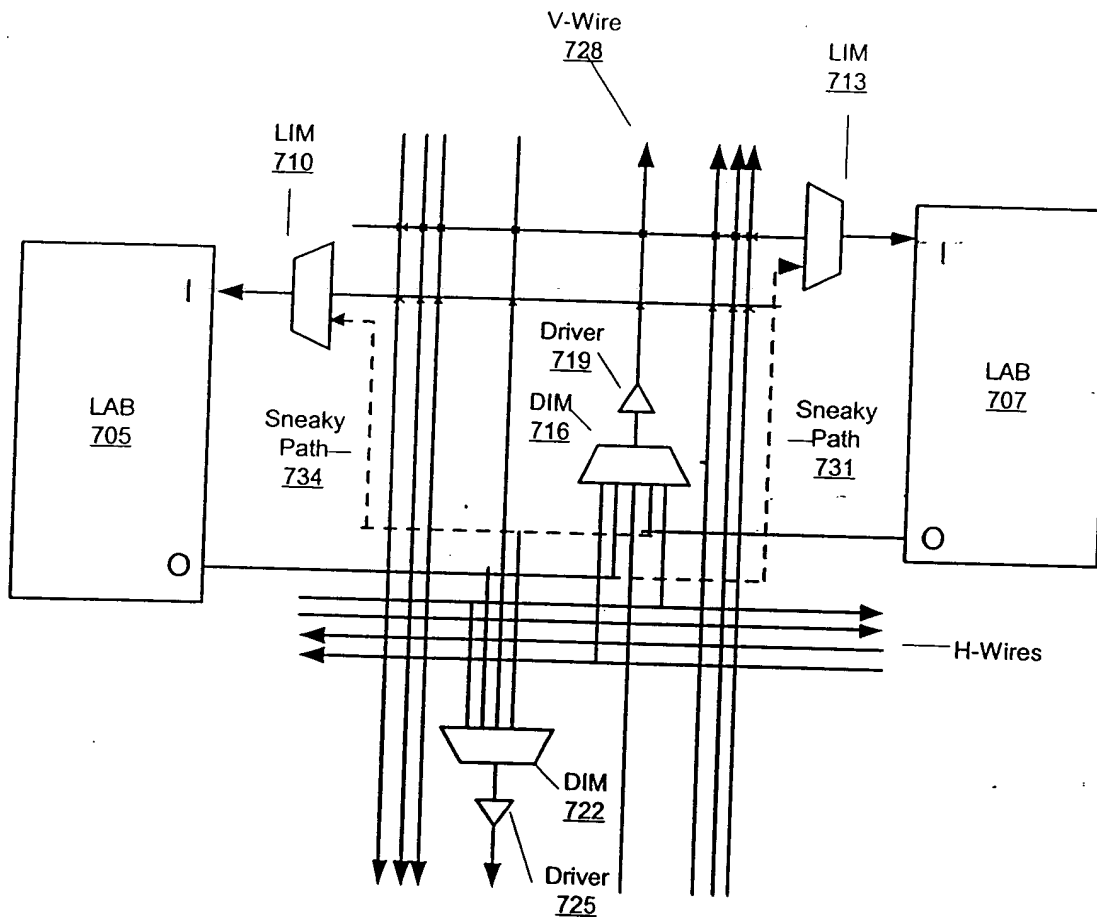
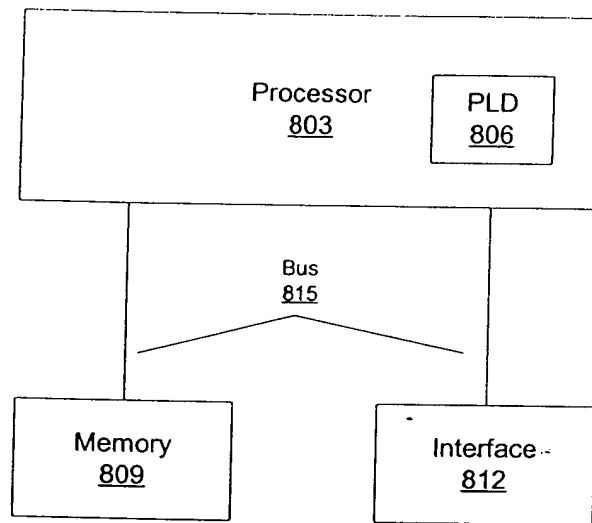


Fig. 10



Electronic System
801